

Quality Assessment Report for Water Quality Monitoring

January - March 2004

David Struve
Water Quality Analysis Division
Environmental Resource Assessment Department

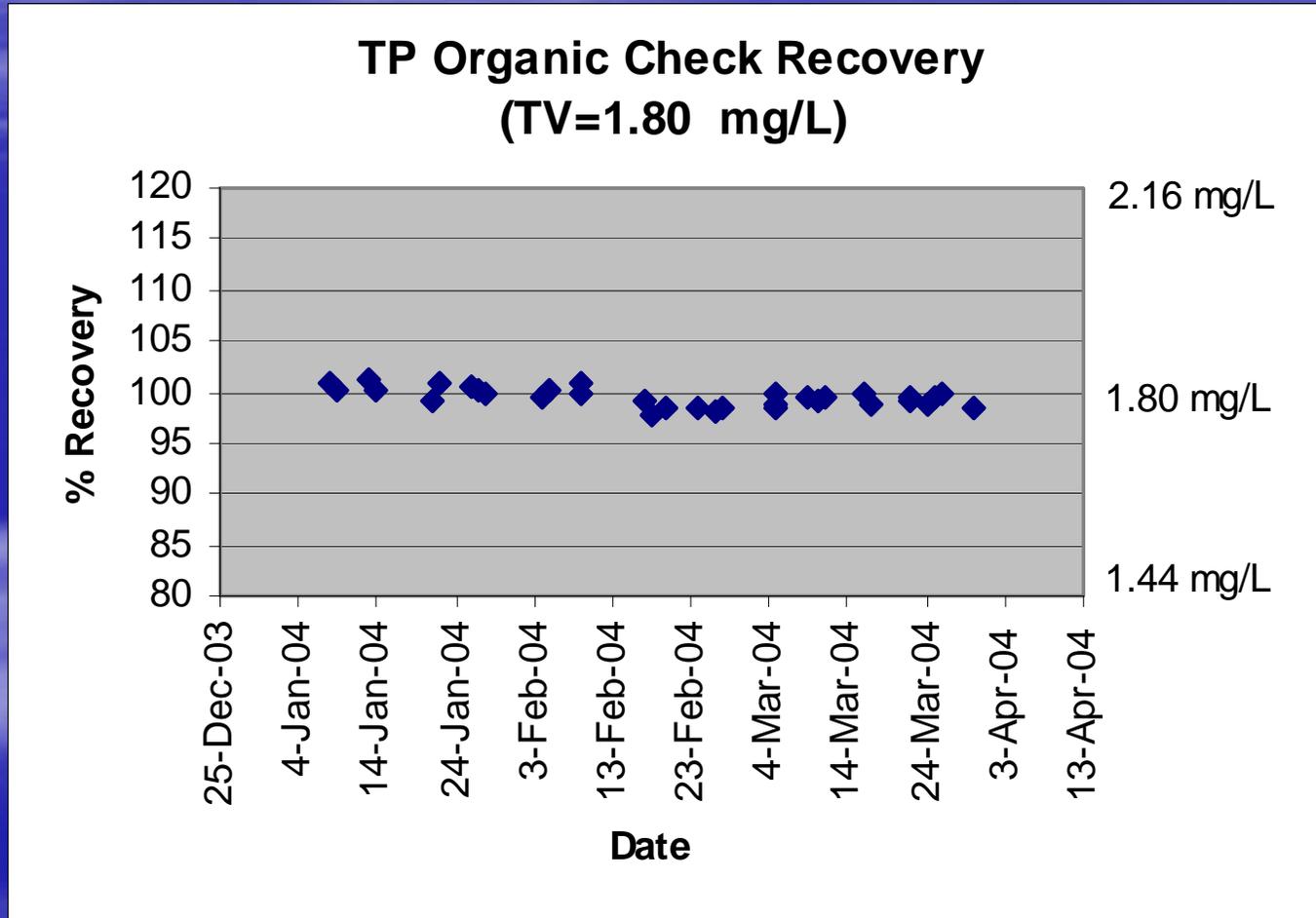
Field Sampling Quality

- Blanks and Replicates met criterion.
- Two flagged samples, seven samples not collected or rejected.
- Audits showed good compliance with standard operating procedures.

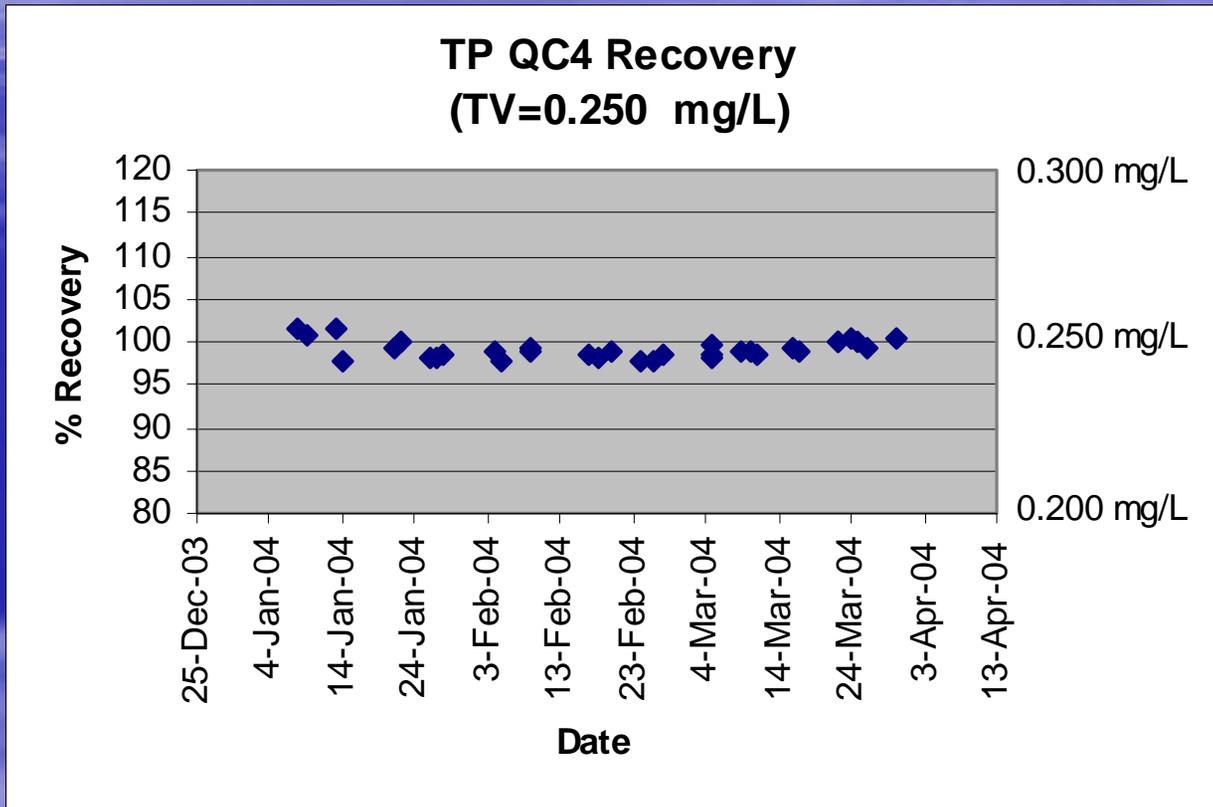
SFWMD Laboratory Quality

- Control Samples were within acceptable limits and verified that the analyses were accurate.
- Precision data were within acceptable limits and showed that the lab could generate reproducible results.
- Matrix spike recoveries were within limits and demonstrated that the analyses were not significantly biased by the sample matrix.
- Split studies and external testing indicated that the laboratory performance was comparable with other laboratories performing similar analyses.

SFWMD Laboratory QC Summary

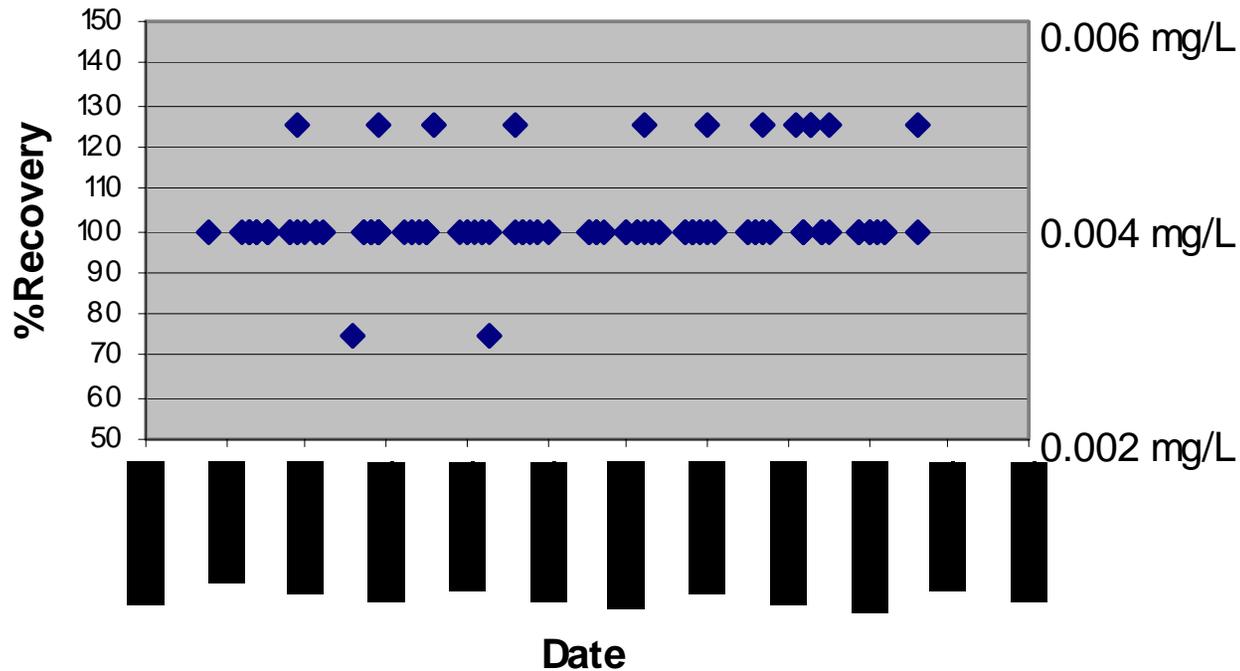


SFWMD Laboratory QC Summary



SFWMD Laboratory QC Summary

TP MDL Check Recovery
(TV=0.004 mg/L)



USGS SRS Study for TP

March 2004

SFWMD Laboratory

Sample	Reported Value, mg/L	Most Probable Value, mg/L	%R	Rating	Z-Value
M-170	0.910	0.932	97.6	4 (Excellent)	-0.47
N-81	0.085	0.085	100	4 (Excellent)	0.00
N-82	0.840	0.856	98.1	4 (Excellent)	-0.47

Rating

- 4 (Excellent)
- 3 (Good)
- 2 (Satisfactory)
- 1 (Marginal)
- 0 (Unsatisfactory)

Absolute Z-value (Rating based on)

- 0.00 to 0.50
- 0.51 to 1.00
- 1.01 to 1.50
- 1.51 to 2.00
- Greater than 2.00

Everglades TP Round Robin XIV, October 2003 SFWMD Laboratory Scores

Site	CA215	WCA2F2	WCA2F4	S5A	S10C	Avg. Score
Score	5	4	5	5	4	4.6

5.0 = best and 0.0 = worst

Summary

- Quality Objectives were met for the lab and field for the quarter ending March 31, 2004.
- Data was reviewed and samples were properly flagged as required.
- Data is suitable for use in the Settlement Agreement report.